

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	((granulat\$4 with (device apparatus)) with (powder\$2 with product)) with (filter and remov\$4 and nozzle\$1)). clm.	US-PGPUB	OR	ON	2009/01/05 13:46
L6	3	((granulat\$2 and (powder \$2 with product)) and (filter\$3 and nozzle\$1)). clm.	US-PGPUB; USPAT	OR	ON	2009/01/05 13:52
L7	3	((granulat\$2 and (powder \$2 with product)) with (filter\$3 and nozzle\$1))	EPO; JPO; DERWENT	OR	ON	2009/01/05 13:55
L8	10	((granulat\$2 and (powder \$2 with product)) and (filter\$3 and nozzle\$1))	EPO; JPO; DERWENT	OR	ON	2009/01/05 13:55
L9	19	((granulat\$2 and (powder \$2 and product)) and (filter\$3 and nozzle\$1))	EPO; JPO; DERWENT	OR	ON	2009/01/05 13:56
S1	1	("5444892").PN.	US-PGPUB; USPAT	OR	OFF	2008/08/26 11:15
S2	1	("5723160").PN.	US-PGPUB; USPAT	OR	OFF	2008/08/26 11:25
S3	1	("20080148944").PN.	US-PGPUB; USPAT	OR	OFF	2008/08/26 15:38
S4	289	(granulat\$4 adj (device apparatus)) and (powder \$2 with product)	US-PGPUB; USPAT	OR	ON	2008/08/26 15:59
S5	1220	(granulat\$4 with (device apparatus)) and (powder \$2 with product)	US-PGPUB; USPAT	OR	ON	2008/08/26 15:59
S6	694361	filter and remov\$4	US-PGPUB; USPAT	OR	ON	2008/08/26 16:00
S7	68314	filter and remov\$4 and nozzle	US-PGPUB; USPAT	OR	ON	2008/08/26 16:00
S8	42362	filter\$3 with wall	US-PGPUB; USPAT	OR	ON	2008/08/26 16:01
S9	17	S5 and S7 and S8	US-PGPUB; USPAT	OR	ON	2008/08/26 16:01
S10	940	55/302.ccls.	US-PGPUB; USPAT	OR	ON	2008/08/26 16:11
S11	0	S10 and S4	US-PGPUB; USPAT	OR	ON	2008/08/26 16:11

S12	421	S8 and S10	US-PGPUB; USPAT	OR	ON	2008/08/26 16:12
S13	117	96/233.ccls.	US-PGPUB; USPAT	OR	ON	2008/08/27 09:09
S14	255	95/280-281.ccls.	US-PGPUB; USPAT	OR	ON	2008/08/27 12:00
S15	940	55/302.ccls.	US-PGPUB; USPAT	OR	ON	2008/08/27 12:23
S16	29	radial with spray adj jet and (arm\$2 or project\$4)	US-PGPUB; USPAT	OR	ON	2008/08/27 13:22
S17	305	55/294.ccls.	US-PGPUB; USPAT	OR	ON	2008/08/27 17:19
S18	2	((("5114444") or ("3443696"))).PN.	US-PGPUB; USPAT	OR	OFF	2008/08/28 16:30
S19	17	(angle with rota\$3) and 55/302.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/05 08:52
S20	22	(angle with rota\$3) and 55/302,294.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/05 08:55
S21	3	(angle with rota\$3) and 95/280-281.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/05 09:17
S22	3	(angle with rota\$3) and 96/233,229,230.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/05 09:20
S23	326	(granulat\$4 adj (device apparatus)) and (powder \$2 with product)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/05 13:26
S24	1400	(granulat\$4 with (device apparatus)) and (powder \$2 with product)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/05 13:27
S25	80269	filter and remov\$4 and nozzle	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/05 13:27
S26	176	S24 and S25	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/05 13:27
S27	0	55/302,294.ccls. and S26	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/05 13:28
S28	0	95/280-281.ccls. and S26	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/05 13:29
S29	176	((granulat\$4 with (device apparatus)) and (powder \$2 with product)) and (filter and remov\$4 and nozzle\$1)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/05 13:30
S32	176	((((granulat\$4 with (device apparatus)) and (powder\$2 with product)) and (filter and remov\$4 and nozzle\$1)) or (55/302.294.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/05 13:31

S33	0	((((granulat\$4 with (device apparatus)) and (powder\$2 with product)) and (filter and remov\$4 and nozzle\$1)) and ((55/302.294.ccls.) or (95/280-281.ccls.) or (96/233,229,230.ccls.))	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/05 13:33
S34	651	((((granulat\$4 with (device apparatus)) and (powder\$2 with product)) and (filter and remov\$4 and nozzle\$1)) or ((55/302.294.ccls.) or (95/280-281.ccls.) or (96/233,229,230.ccls.))	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/05 13:33
S35	4614	((((granulat\$4 with (device apparatus)) and (powder\$2 with product)) and (filter and remov\$4 and nozzle\$1)))".clm"	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/05 13:36
S36	4482	((((granulat\$4 adj (device apparatus)) and (powder \$2 with product)) and (filter and remov\$4 and nozzle\$1)))".clm"	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/05 13:36
S37	4441	((((granulat\$4 adj (device apparatus)) same (powder\$2 with product)) same (filter and remov\$4 and nozzle \$1)))".clm"	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/05 13:37
S38	4440	((((granulat\$4 adj (device apparatus)) with (powder \$2 with product)) with (filter and remov\$4 and nozzle\$1)))".clm"	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/05 13:37
S39	2	((granulat\$4 near6 (powder\$2 with product)) with (filter and remov\$4 and nozzle\$1))	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/05 13:42
S40	4440	((granulat\$4 near6 (powder\$2 with product)) with (filter and remov\$4 and nozzle\$1)))".clm"	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/05 13:42

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